

Exploring Aeronautics			
2005 Science			
Course of Study			
Alabama Science			
Grade 5			
Activity/Lesson	State	Standards	
Fundamentals of Aeronautics (145-176)	AL	SCI.5.6.2	Describing how a spring scale is used to measure weight
Fundamentals of Aeronautics (145-176)	AL	SCI.5.6.3	Explaining how air resistance affects falling objects
How an Airplane Flies	AL	SCI.5.6.3	Explaining how air resistance affects falling objects
Science of Flight	AL	SCI.5.6.2	Describing how a spring scale is used to measure weight
Science of Flight	AL	SCI.5.6.3	Explaining how air resistance affects falling objects
Exploring Aeronautics			
2005 Science			
Course of Study			
Alabama Science			
Grade 8			
Activity/Lesson	State	Standards	
Wings(177-208)	AL	SCI.8.9.1	Describing the effect of force on pressure in fluids
How an Airplane Flies	AL	SCI.8.8.1	Defining terminology such as action and reaction forces, inertia, acceleration, momentum, and friction
How an Airplane Flies	AL	SCI.8.9.1	Describing the effect of force on pressure in fluids
Science of Flight	AL	SCI.8.1.4	Identifying examples of hypotheses
Integrating with Aeronautics	AL	SCI.8.1.1	Applying process skills to interpret data from graphs, tables, and charts
Integrating with Aeronautics	AL	SCI.8.8.1	Defining terminology such as action and reaction forces, inertia, acceleration, momentum, and friction
Scientific Method(124-144)	AL	SCI.8.1.1	Applying process skills to interpret data from graphs, tables, and charts
Scientific Method(124-144)	AL	SCI.8.1.4	Identifying examples of hypotheses